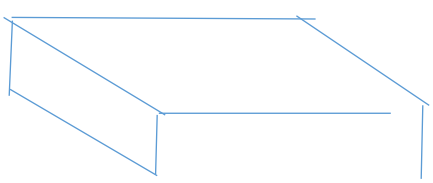
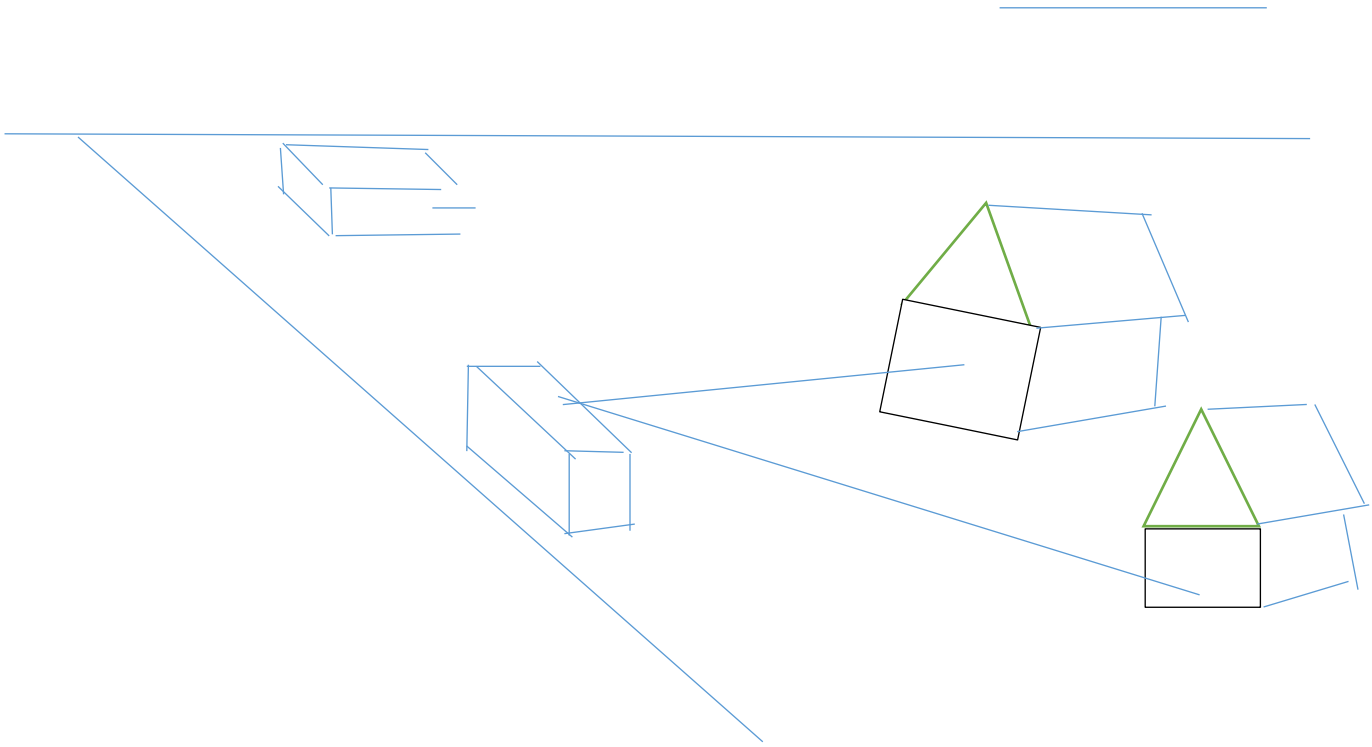
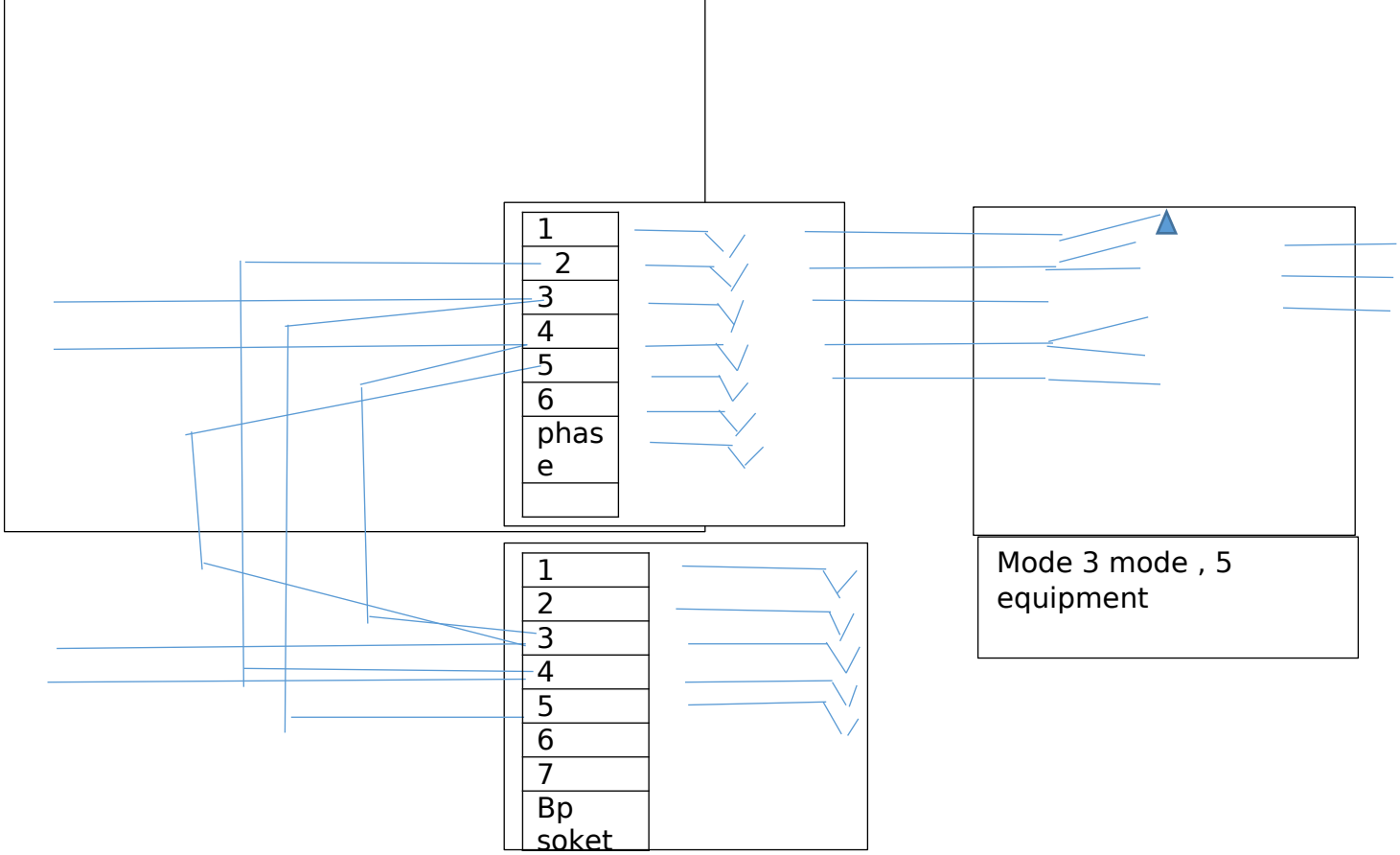
TYPICAL undergrand copper twis par network telephone exchange ,,





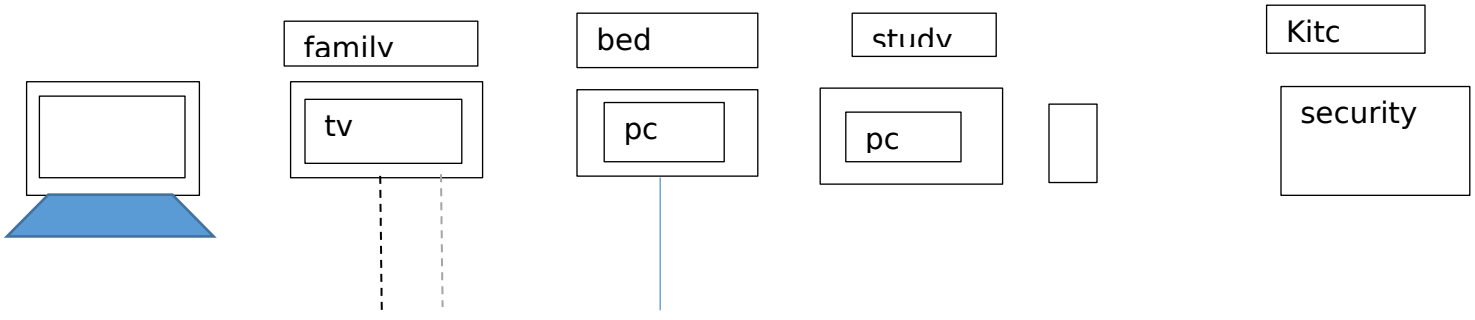
Cabling of homes for telecommunication , a completed guide to home cabling

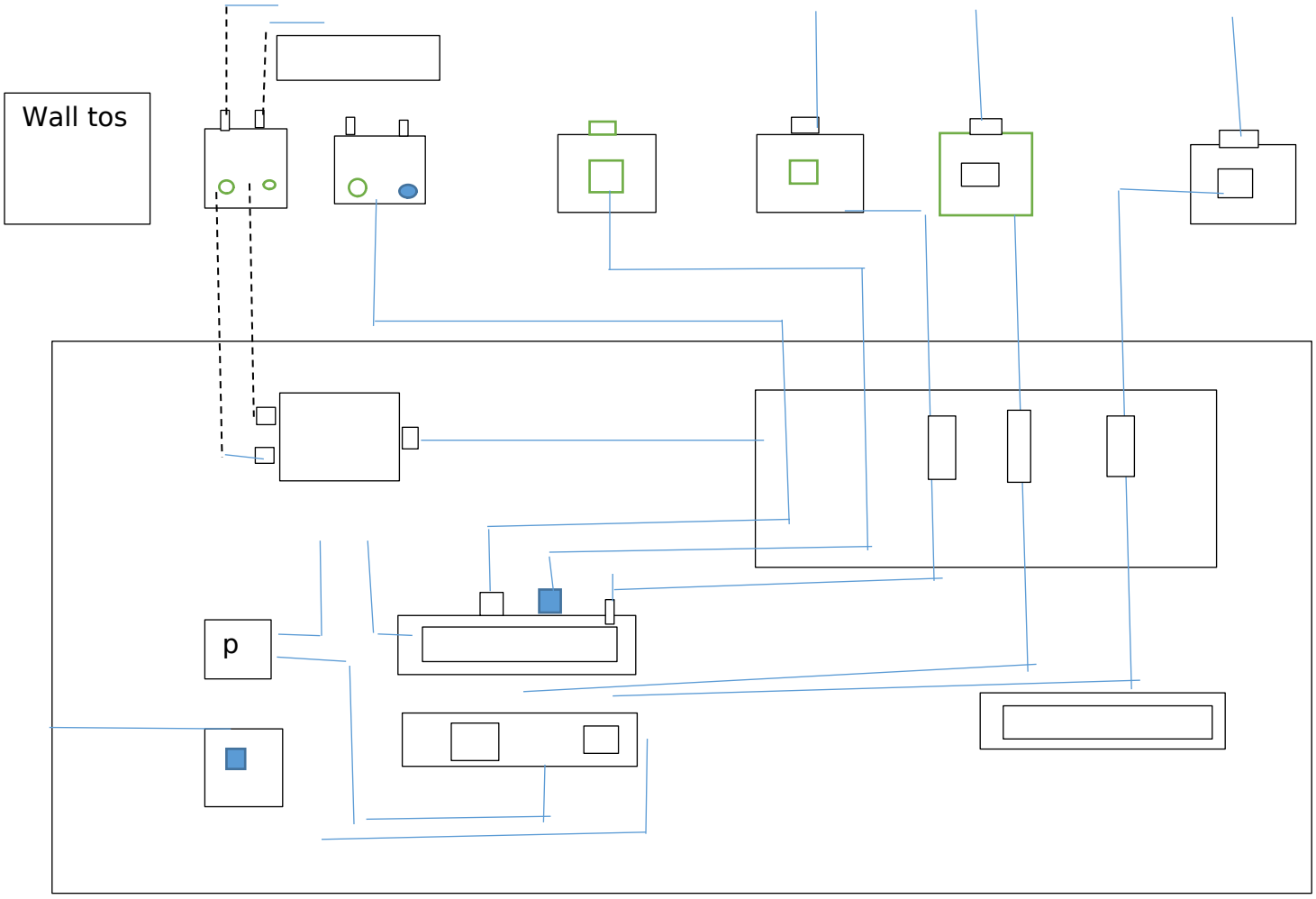


Possible fault due coming of the telephone voice port inside the ntd ,

Fault due to switch relay connect in mode 3

Basic home networking system typical cabling arragemnt and connector for ftt , typical telephonic and date service connect





Legend :

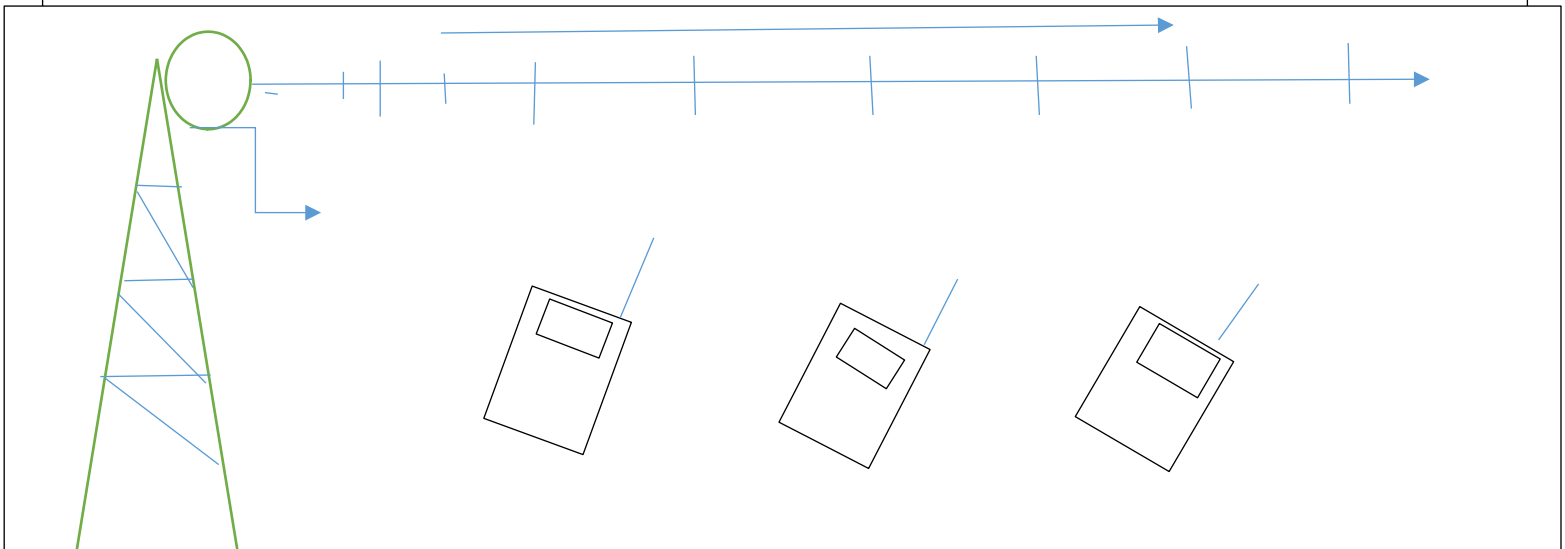
Modulator socket CCP

Modulator FTT

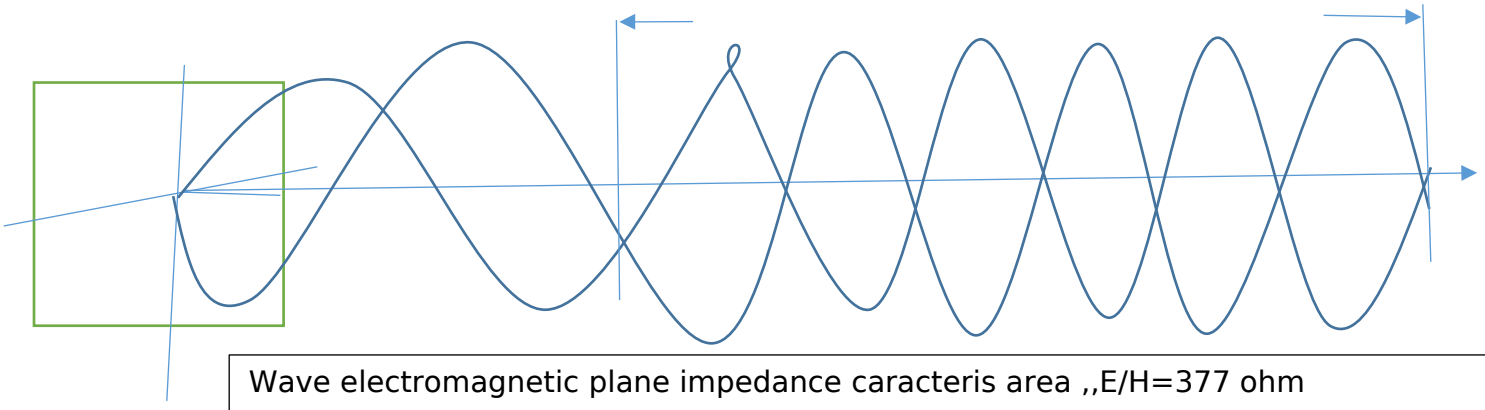
Coaxial sock NTD

Coaxial plui PC

OPTIC

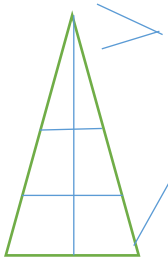


Canal of transmission gsm interval time area 577us signal terminology



Wave electromagnetic plane impedance caracteris area ,,E/H=377 ohm

Input,l1,l



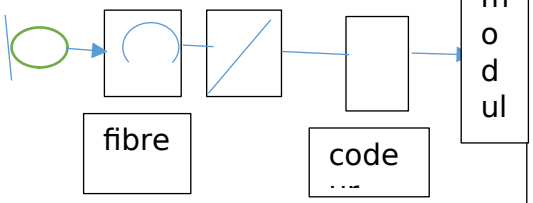
BTS

BSC

MSC

NETWORK FIXE

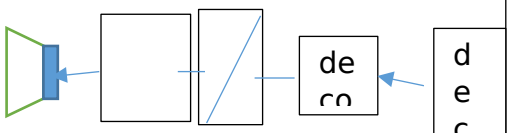
Numeration of voice



m o d ul

fibre

code



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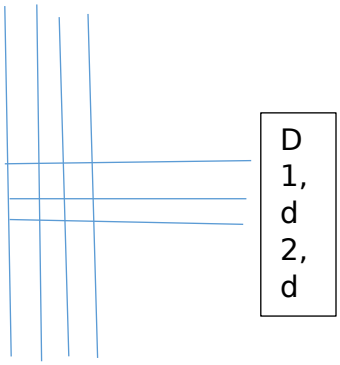
d e c

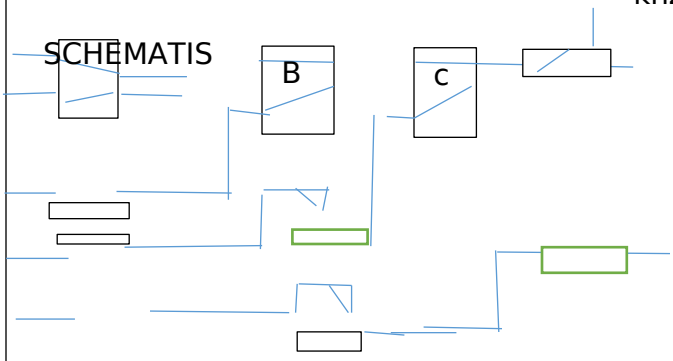


D 1, d 2, d

Cabling clean inpout ,

Input output band 300-3,4 khz

SCHEMATIS

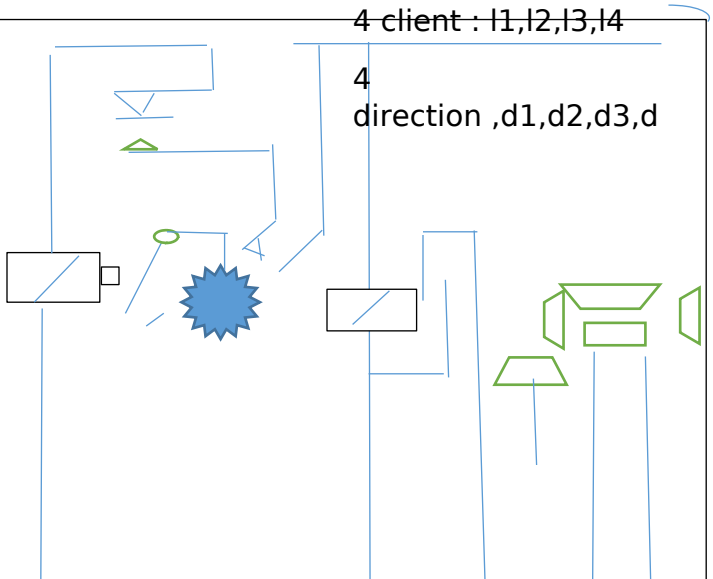


B

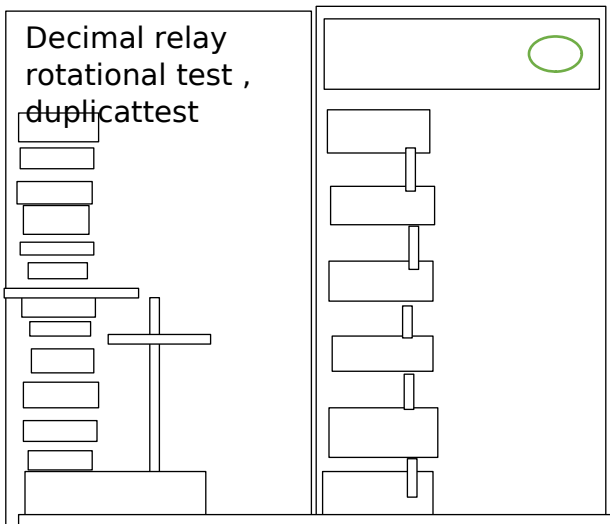
c

4 client : l1,l2,l3,l4

4 direction ,d1,d2,d3,d



Decimal relay rotational test , duplicattest



Time device

A switch line finder respons at pilote final , connect engineering

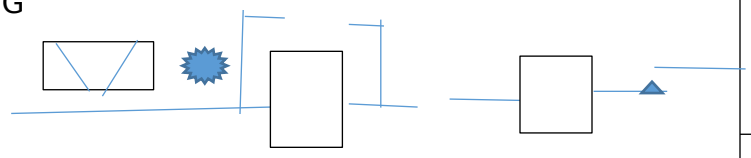
-B . Switch final connect

Signal controller , send impulse , etepping relays , interconnector , selector ,pilote ,switch ,,,

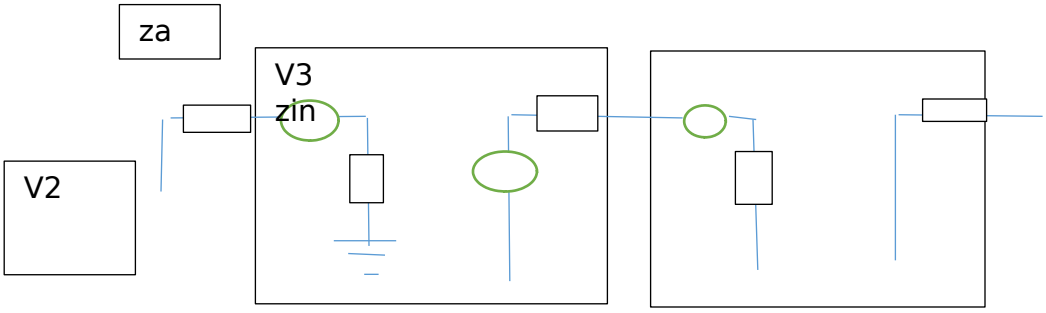
Div1 dv 2 div 3 , dv4

10. sequence relais , line , cut off, line , decimal control , direct register in the group in which the calling division starter research

G



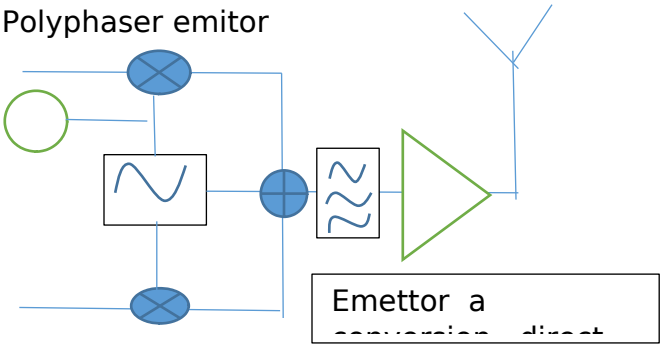
Scale method , quadrille



B= Zin /zin 1+z2, sq 2

Consummation aun of network unity , captor , can unity stockage , emitor

Polyphaser emitor



Emettor a

Module phase Psk ,

M(t)=cos(wot+fi.o)

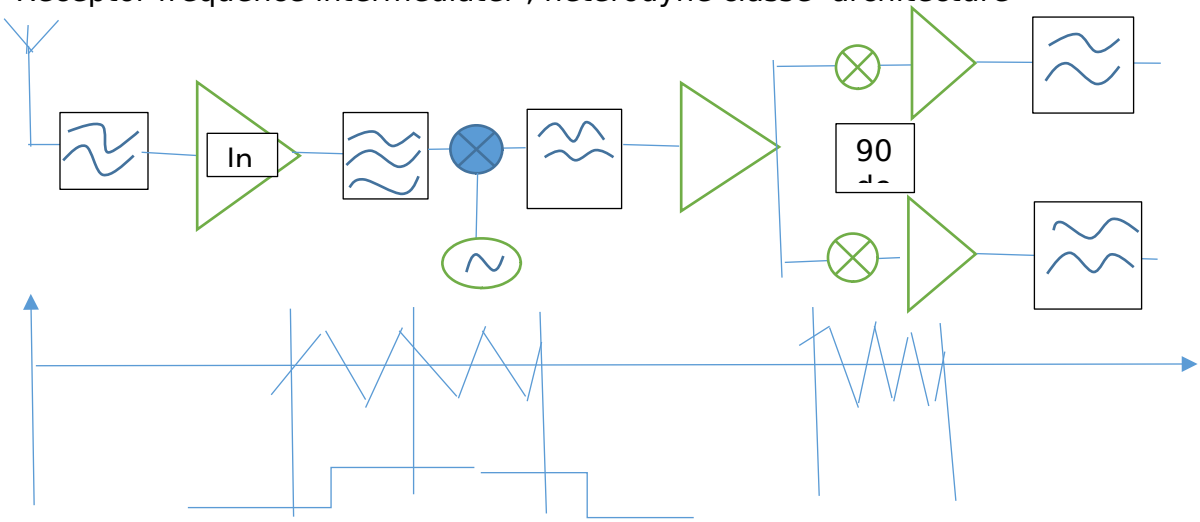
Sin a(t)=0 then m ot+k)g(kt

Modulation phase shift keying signal module psk ,

m(t)=sum = infi to k =-infinty .

A.cos(w

Receptor frequence intermediater , heterodyne classe architecture



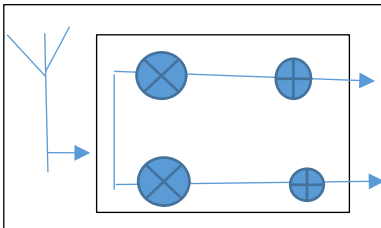
Telemetr

Video output pentode

Power pentode

Power pentode

Philips tv communication I out connector



X(t)

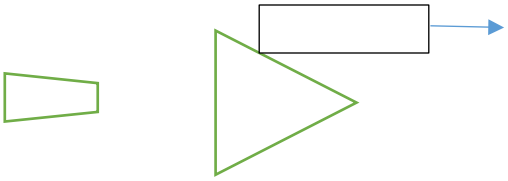
Q(i)

Ir(t)=Vrfcos(w0t)=I(t)variation V1

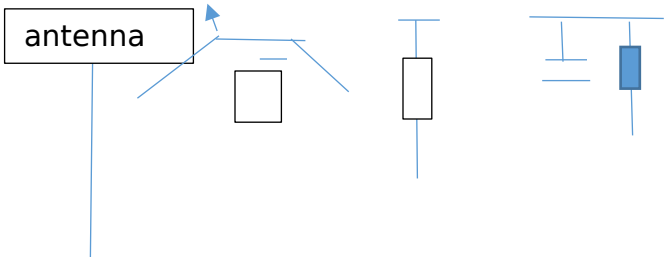
Qr=(t)Vrf.sin(wot)=Q(t)+variation V2

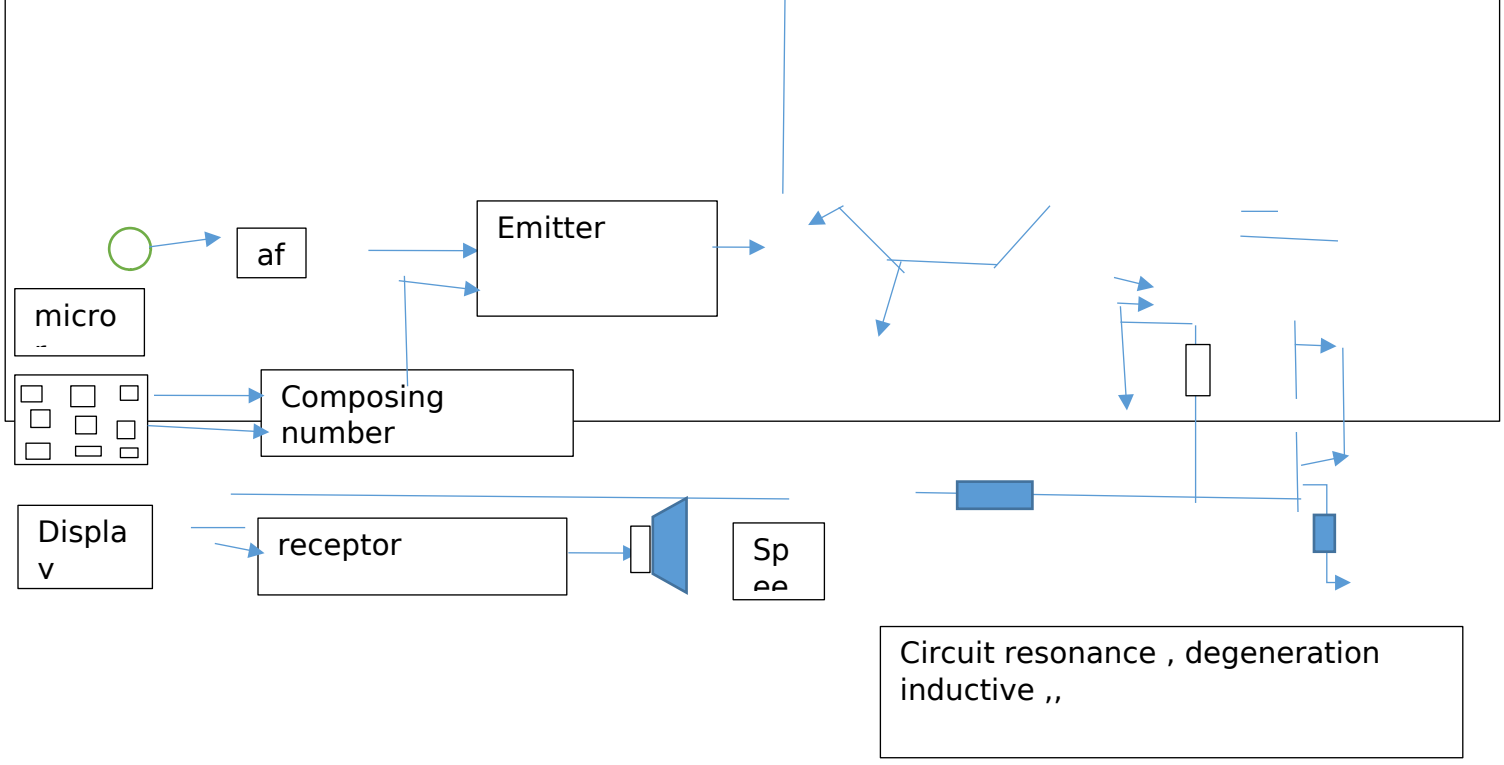
Insulation in receptor conversion case we cree out mixage voice land Q, voltage 2 voice qadra insulation mean level power block in case of component

Emettor/receptor low vehicle

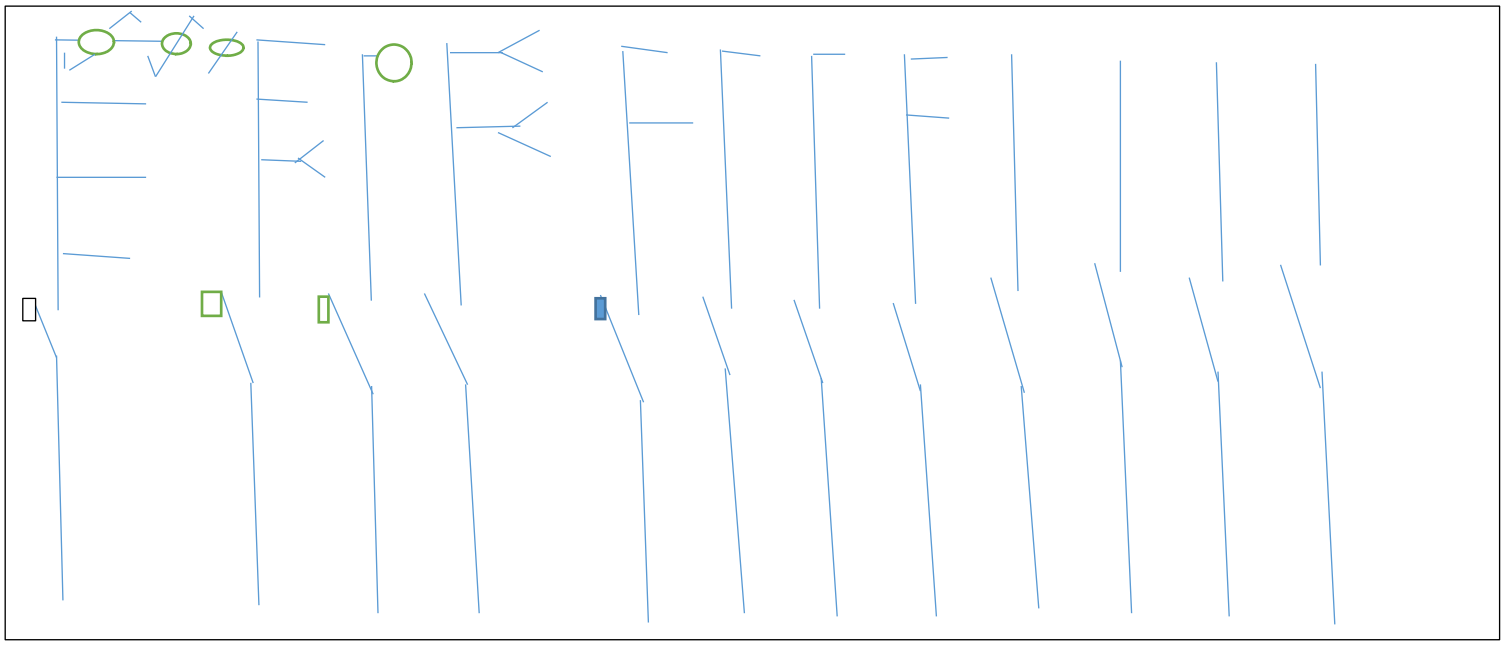


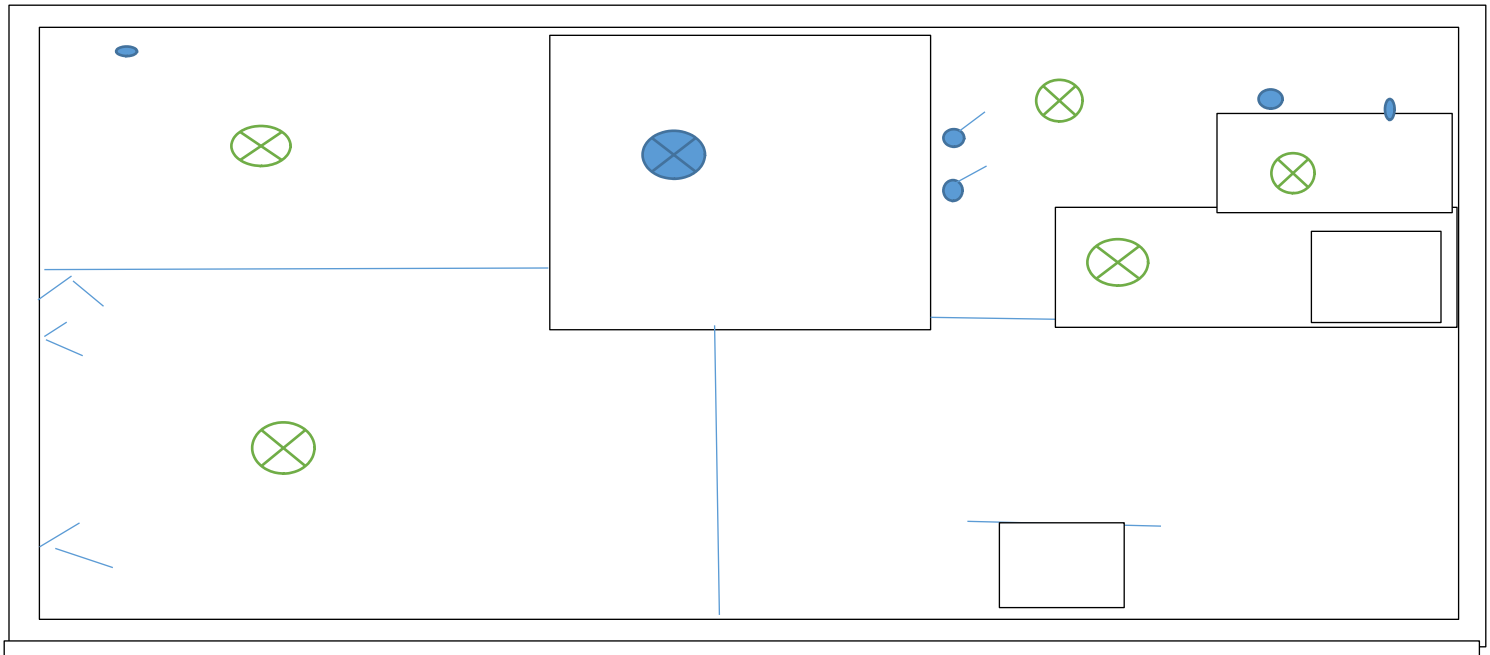
antenna





Circuit resonance , degeneration inductive ,,





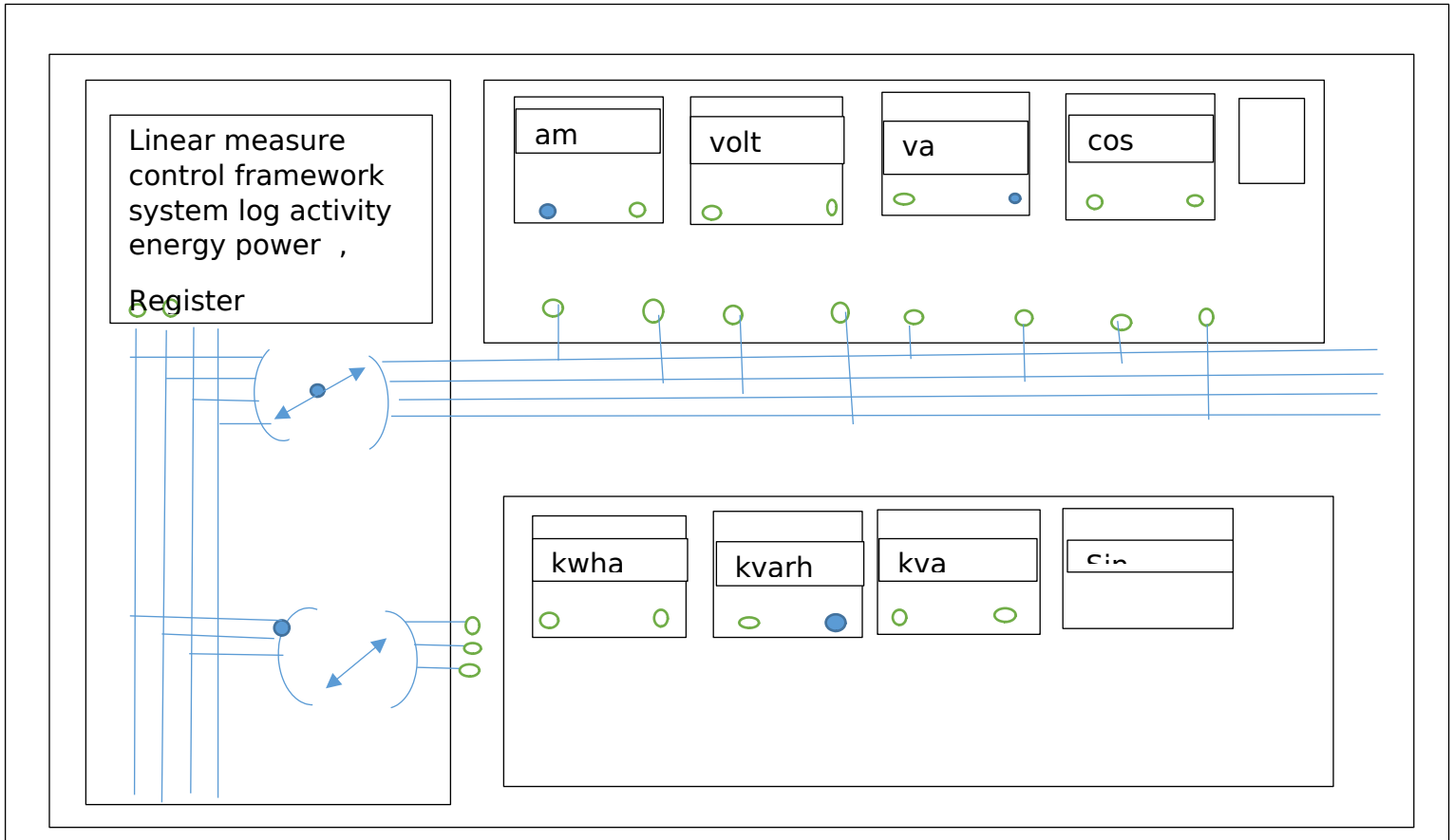
Completed plan of position

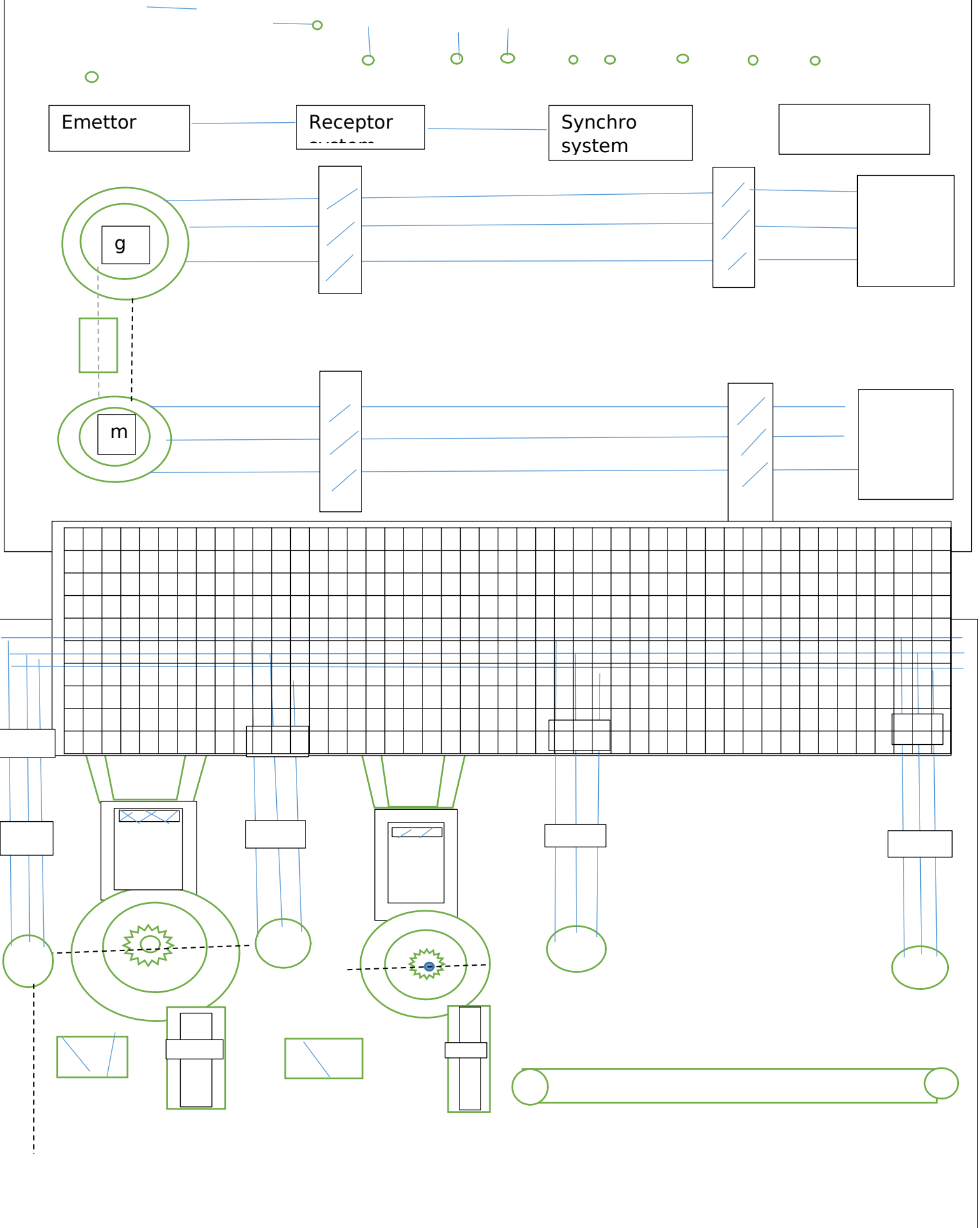
Address installation	Property	Installation	Organism control system	Controllogic	

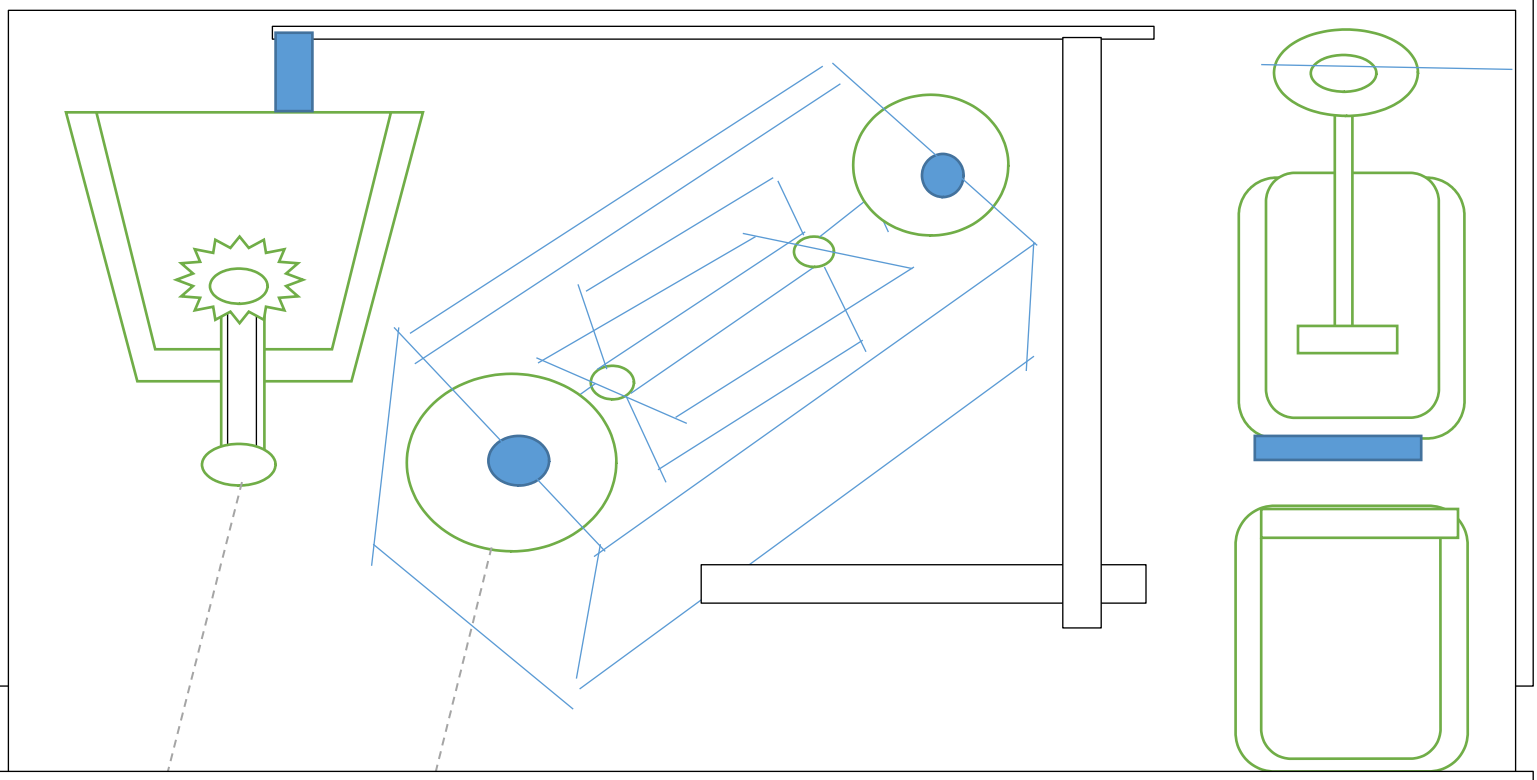
Control organism file component installation device system installation low test , high voltage

-radio-technical

Power amplificatory tv sound basic oscillator line petode tube Characteristic
1. Eat 2. Indirect cathode insulated wire / vi 6,3v 3. Source wire v-10.3 4. Use condition nominal rms 5. Voltage anode va -170-250v 6. Voltage grille vg -170-250 7. Voltage 0v 8. Current 9. Coefficient amplificatory k 10. Resistor internal internal ,0,2 –4,6v 11. Capactity grill cg – 14,7 pf 12. Capacity anode ca 0,4 pf 13. Capacity anode grille less 0,6 pf Vslue limite Peek voltage anode vap max 7 kv


Linear measure
control framework
system log activity
energy power ,
Register
am
volt
va
cos
kwha
kvarh
kva


Emettor
Receptor
Synchro system
g
m



$$(x+a)^n=\sum_{k=0}^{n}\binom{n}{k}x^k a^{n-k}$$

$$A=\pi r^2$$

AREA CIRCLE

$$e^x=1+\frac{x}{1!}+\frac{x^2}{2!}+\frac{x^3}{3!}+\ldots,-\infty<x<\infty$$

$$r=\frac{1}{2}a\,t^2+v_o\,t+r_0$$

ACCELERATION

$$(1+x)^n=1+\frac{nx}{1!}+\frac{n(n-1)x^2}{2!}+\ldots$$

$$\int_{-\infty}^{\infty}e^{-x^2}dx=\left[\int_{-\infty}^{\infty}e^{-x^2}dx\int_{-\infty}^{\infty}e^{-y^2}dy\right]^{1/2}=$$

$$\begin{pmatrix}U(t)\\V(t)\\W(t)\end{pmatrix}=\begin{pmatrix}1&0&0\\0&\cos Rt&-\sin Rt\\0&\sin Rt&\cos Rt\end{pmatrix}\begin{pmatrix}$$

ROTATIONEL $\vec{F}=m\vec{a}$

$$\nabla\cdot\nabla\psi=\frac{\partial^2\psi}{\partial x^2}+\frac{\partial^2\psi}{\partial y^2}+\frac{\partial^2\psi}{\partial z^2}=\frac{}{r^2}$$